

ABSTRACT OF THE DISCLOSURE

Disclosed are a tire wheel assembly and a noise-reducing device whereby cavity resonance sound can be effectively reduced. A noise-reducing device, which includes a shell structure where a rough surface portion having a ten-point height of irregularities (R_z) in a range of 0.1 to 5.0 mm is provided on at least part of a surface, is attached to a wheel rim in a cavity portion of a pneumatic tire, and additionally, a height of the shell structure from a rim sheet is set in a range of 10 to 70 % of a cross-sectional height of the tire.